



**US Army Corps
of Engineers®**
Portland District



2013 Willamette Basin Fisheries Science Review

Feb. 4 – Feb. 6, 2014

To register, please RSVP online at:

<https://ezregister.com/register/order/8203/0/3b11eebe82c746802984b148f1f46634222937f8/>

GSA 911 Building
911 NE 11th Ave., Portland, OR 97232

<http://go.usa.gov/ZVdG>

2014 WILLAMETTE FISHERIES SCIENCE REVIEW

AGENDA

Tuesday - February 4, 2014 / Day 1

Time	Presentation Title	Presenter
9:00	2014 Willamette River Science Review - Opening Remarks	Lance Helwig CENWP
9:15	Session Introduction: System Studies	Bob Wertheimer, CENWP
9:25	Migration behavior and distribution of adult spring Chinook salmon radio-tagged at Willamette Falls, 2011-2013	Matt Keefer, Uofl
9:50	Migration behavior and distribution of adult winter and summer steelhead radio-tagged at Willamette Falls in 2013	Chris Caudill, Uofl
10:15	Spawning success of spring Chinook salmon in Fall Creek, S. Santiam, and the North Fork Middle Fork Willamette River, 2008-2013	Chris Caudill, Uofl
10:40	Upper Willamette River Spring Chinook Salmon Abundance, Distribution and Survival	Cameron Sharpe, ODFW
11:10	Break	
11:25	Baseline Monitoring of Upper Willamette River Hatchery Operations	Cameron Sharpe, ODFW
11:50	Integrating science, management, and monitoring: A decision tool for optimizing annual spring Chinook outplanting strategies and prioritizing	Mike Colvin, OSU
12:15	Using viable salmonid population (VSP) modeling to help prioritize actions at Willamette basin dams	Paul Chittaro, NWFS
12:40	Lunch	
13:30	Migration, Survival, Growth, and Fate of Hatchery Juvenile Chinook Salmon Released Above and Below Dams in the Upper Willamette River	Paul Olmsted, ODFW
14:00	Migration Timing and Distribution of Subyearling Chinook in Willamette Valley Reservoirs	Fred Monzyk, ODFW
14:25	Parasitic Copepod Infection of Salmonid Species Rearing in Willamette Valley Reservoirs	Fred Monzyk, ODFW
14:45	Break	
15:00	Predatory Fish in Foster and Lookout Point Reservoirs	Jeremy Romer, ODFW
15:25	Production of Chinook and Steelhead surrogates for juvenile tagging studies.	Eric Billman, OSU
15:50	Pacific lamprey: a summary of three years of spawning and larval survey research from the Willamette Basin	Luke Schultz, OSU

2014 WILLAMETTE FISHERIES SCIENCE REVIEW AGENDA

Wednesday - February 5, 2014 / Day 2

Time	Presentation Title	Presenter
9:00	Session Introduction: Invited Talks & McKenzie Sub Basin	David Griffith, CENWP
9:10	Swift Reservoir Floating Surface Collector – Engineering, Design, Construction and Operation	Frank Shrier, PacifiCorp
9:35	Portland General Electric: Pelton Round Butte Hydroelectric Project Selective Water Withdrawal	Jim Bartlett, PGE
10:00	Estimates of Direct Effects of Downstream Passage Through the Migrant Bypass Pipe at Green Peter Dam	Steve Adams, Normandeau
10:25	Break	
10:40	An evaluation of fish behavior upstream of the Temperature Control Tower at Cougar Dam using acoustic cameras	Noah Adams, USGS
11:05	Pedigree findings on the reintroduction of Spring Chinook salmon above Cougar Dam: inference from juveniles and adult returns	Nick Sard, OSU
11:30	Session Introduction: Middle Fork Willamette River	Sean Askelson, CENWP
11:30	Exploring Potential Solutions to Improve Water Temperatures in the Middle Fork Willamette River, Oregon	Norman Buccola, USGS
11:55	Lunch	
12:55	The Fall Creek Drawdown: Monitoring Results from Year Three	Greg Taylor, CENWP
13:20	Estimate of Direct Effects of Downstream Passage through the Fish Horns at Fall Creek Dam	Paul Heisey, Normandeau; Todd Pierce, CENWP
13:45	In-reservoir summer conditions at Fall Creek after extended drawdowns: preliminary data	Christina Murphy, OSU
14:10	Break	
14:25	Suspended Sediment Loads, Bedload, and Dissolved Oxygen during the Fall Creek Lake Drawdown, November 2012 - February 2013	Liam Schenk, USGS
14:50	Effects of the Fall Creek reservoir drawdowns on downstream off-channel habitats	Brian Bangs, ODFW
15:15	Pacific Lamprey Translocation Above Fall Creek Dam	Lindsay Belonga, Grande Ronde Tribe
15:40	Movements, habitat use, and survival of captive-reared bull trout after release in the Middle Fork Willamette River drainage	Nik Zymonas, ODFW

2014 WILLAMETTE FISHERIES SCIENCE REVIEW AGENDA

Thursday - February 6, 2014 / Day 3

Time	Presentation Title	Presenter
9:00	Session Introduction: Santiam Sub Basin	Bob Wertheimer, CENWP
9:10	Minto Fish Collection Facility Operations: 2013	Cameron Sharpe, ODFW
9:35	Simulating Downstream Effects of Proposed Temperature Control Structures at Detroit Dam	Norman Buccola, USGS
10:00	Behavior and dam passage of juvenile Chinook salmon and steelhead at Detroit Reservoir and Dam in 2013	John Beeman, USGS
10:25	Break	
10:40	Migration behavior and survival of acoustically-tagged juvenile Chinook salmon between Detroit Dam and Portland, Oregon	Noah Adams, USGS
11:05	Evaluation of Juvenile Salmonid Passage at Foster Dam, 2013-2014	James Hughes, PNNL
11:30	Genetic pedigree analysis of spring Chinook salmon outplants, South Santiam River	Melissa Evans, OSU
11:55	Ecological Interactions Between Hatchery Summer Steelhead and Wild <i>Oncorhynchus mykiss</i> in the Willamette Basin	Geoff McMichael, PNNL